

FIGURE 1

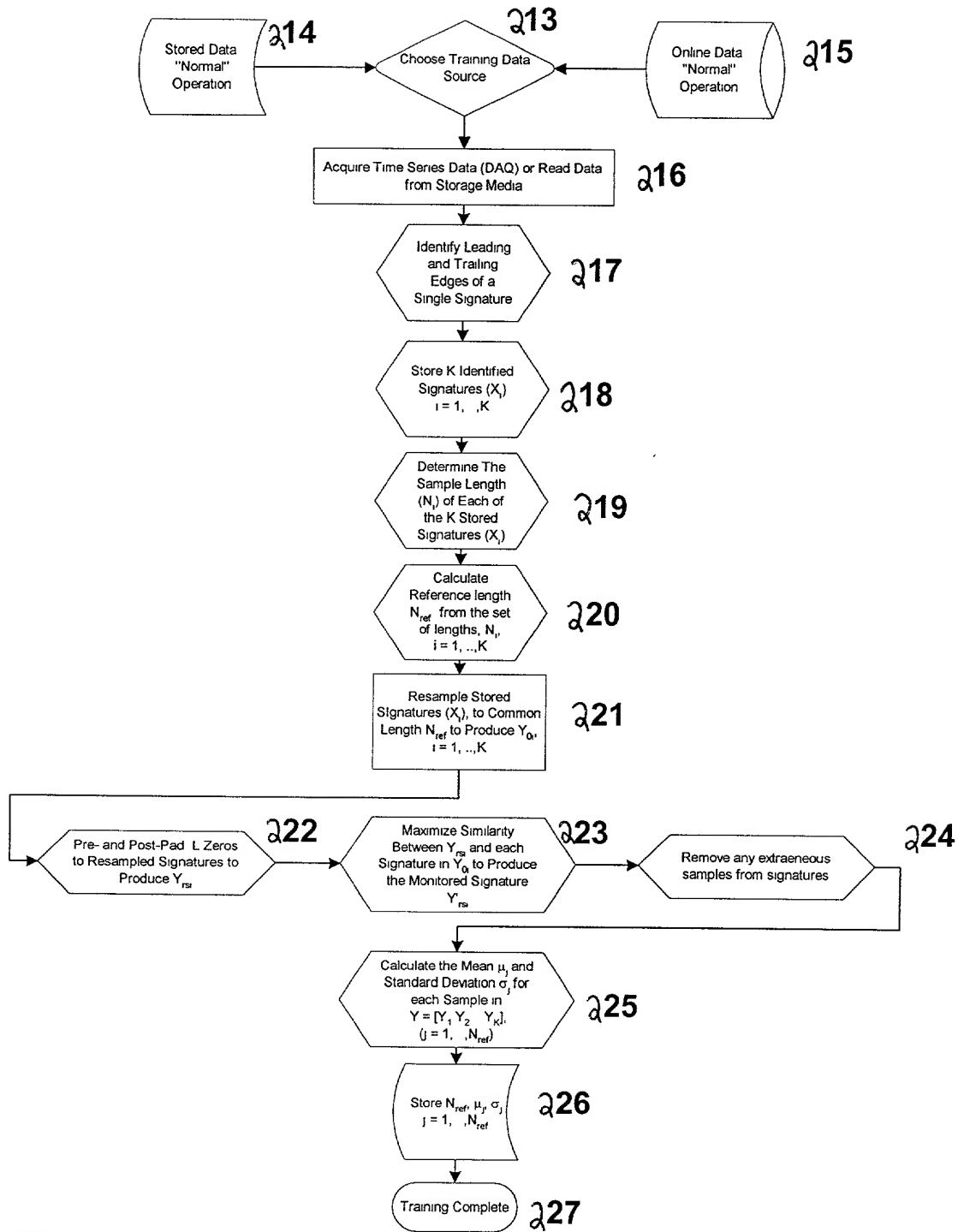


FIGURE 2

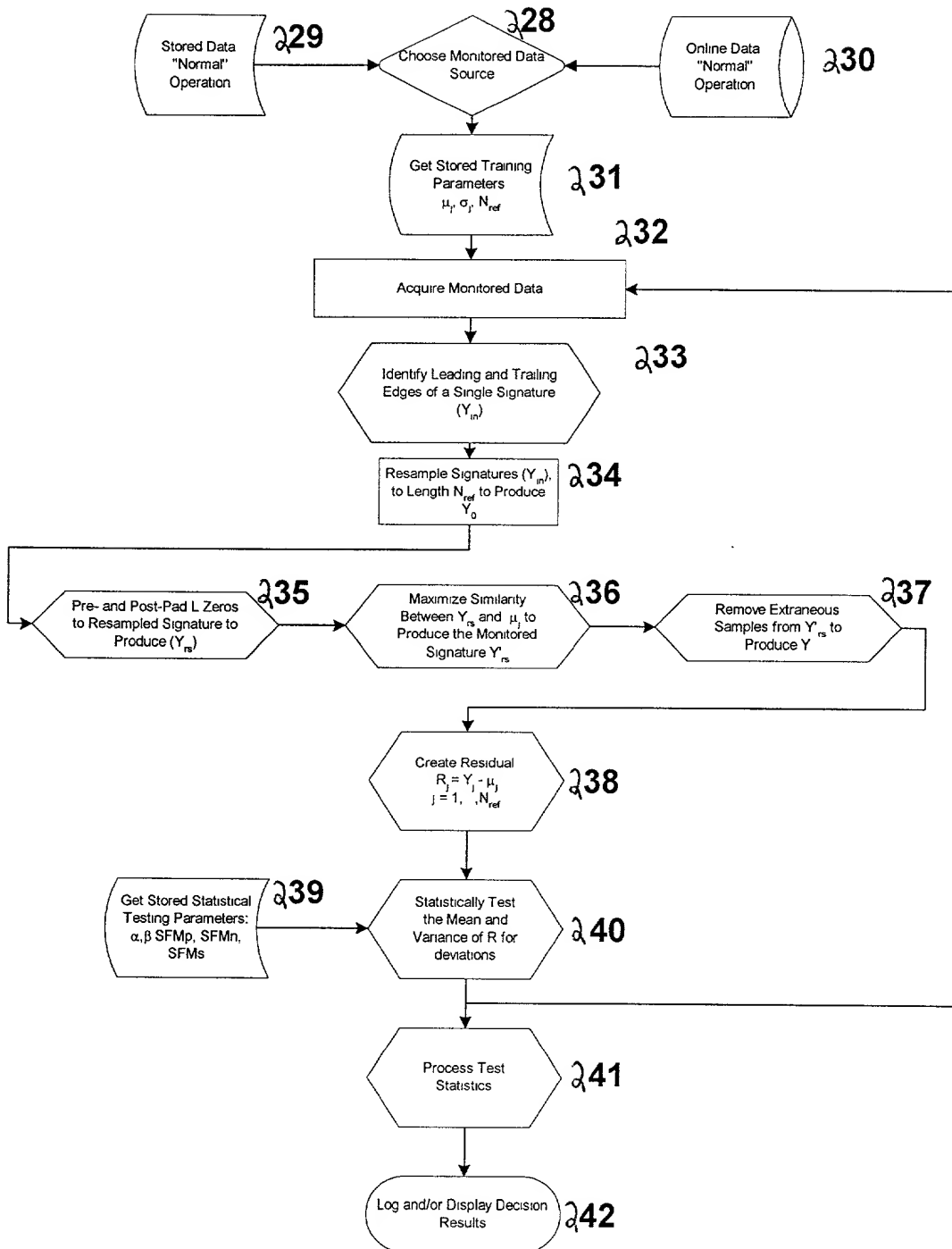


FIGURE 3

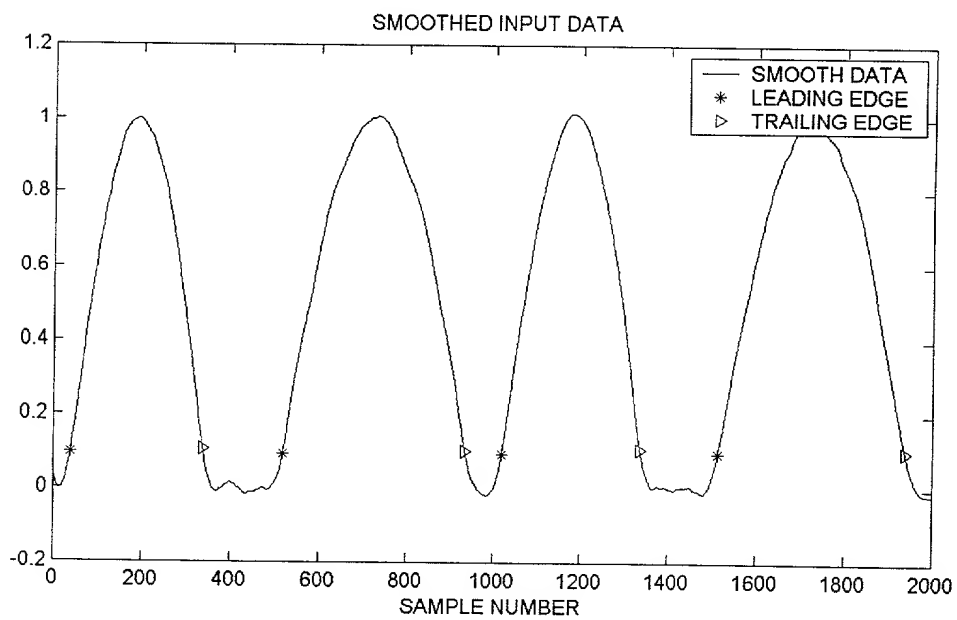
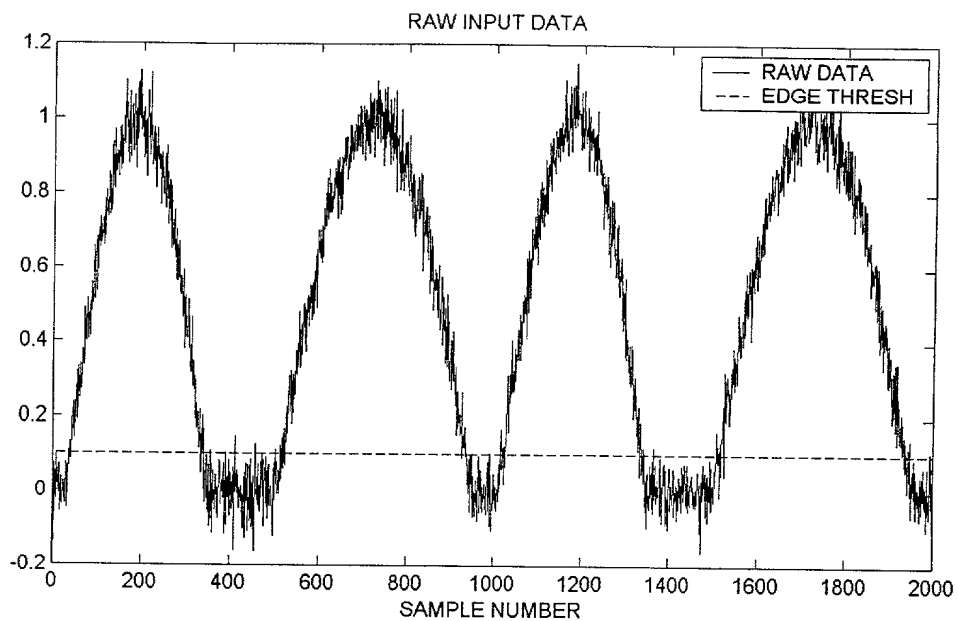


FIG. 5A

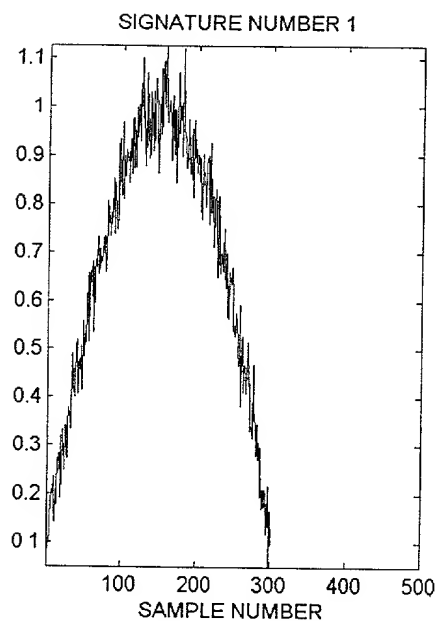
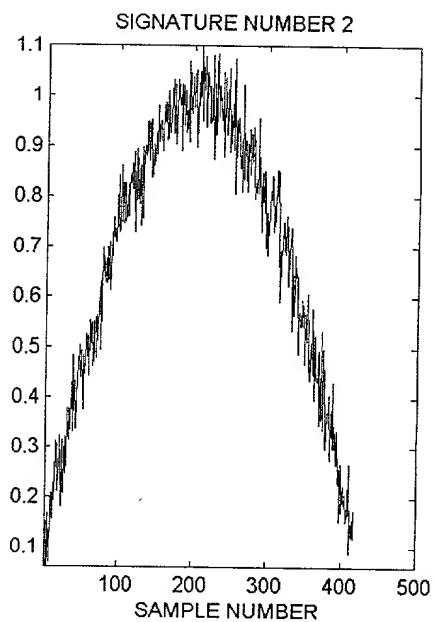
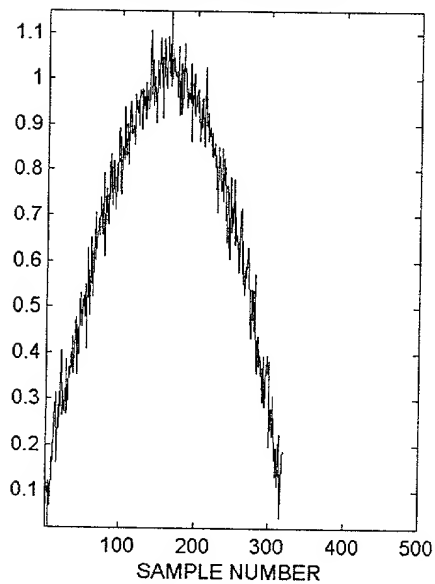


FIG. 5B



SIGNATURE NUMBER 3



SIGNATURE NUMBER 4

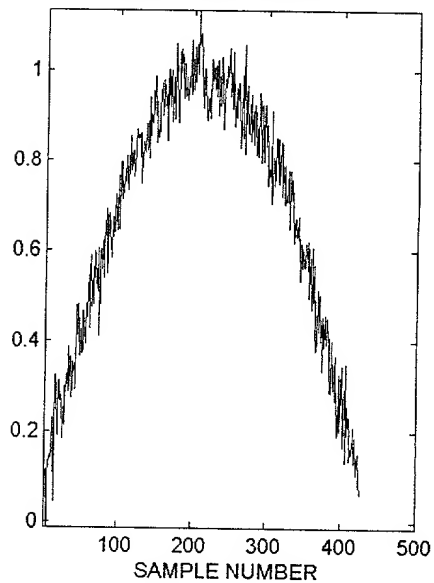
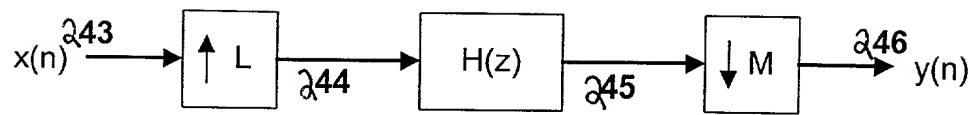
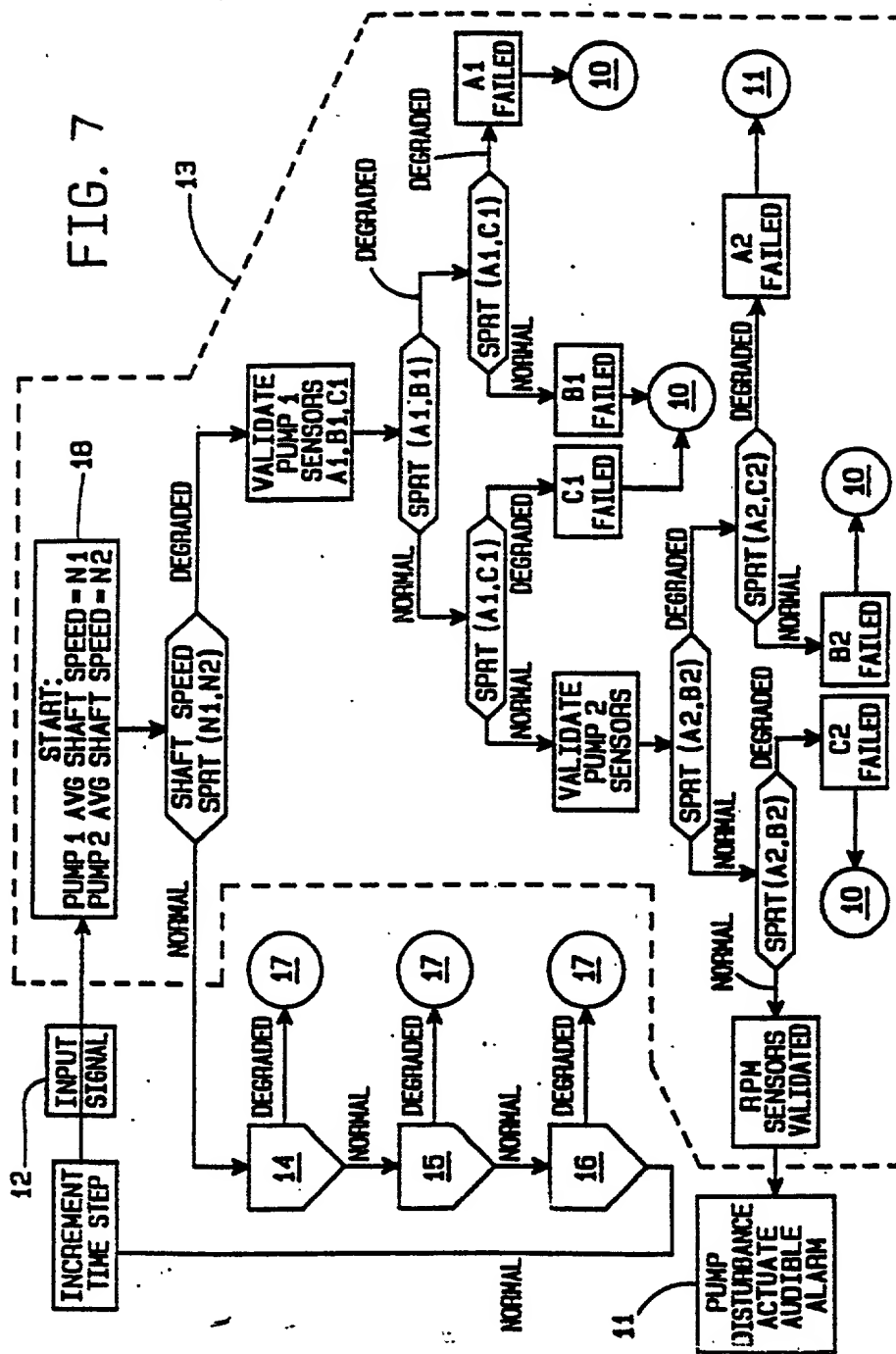


FIG. 5C

FIG. 5D



**FIGURE 6**



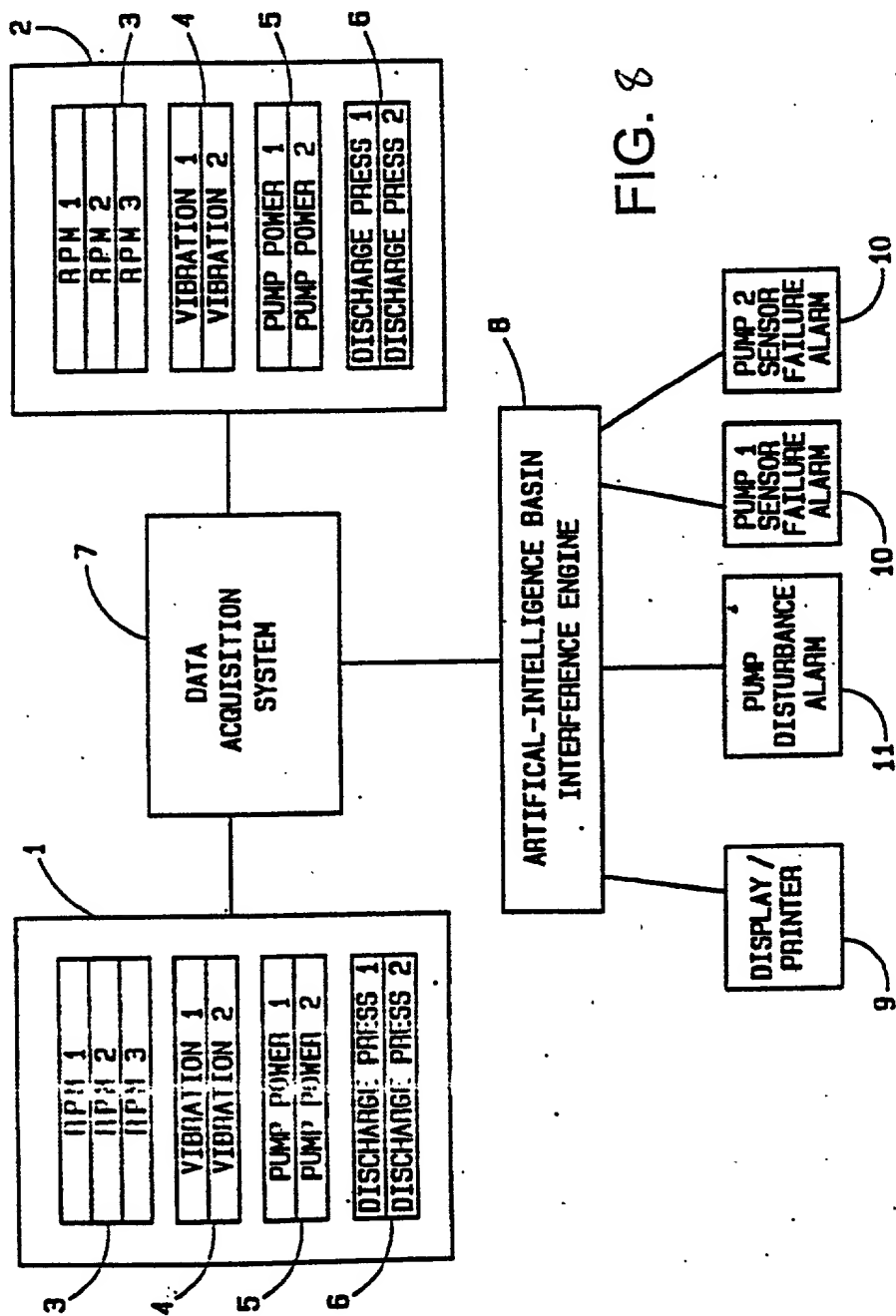


FIG. 8



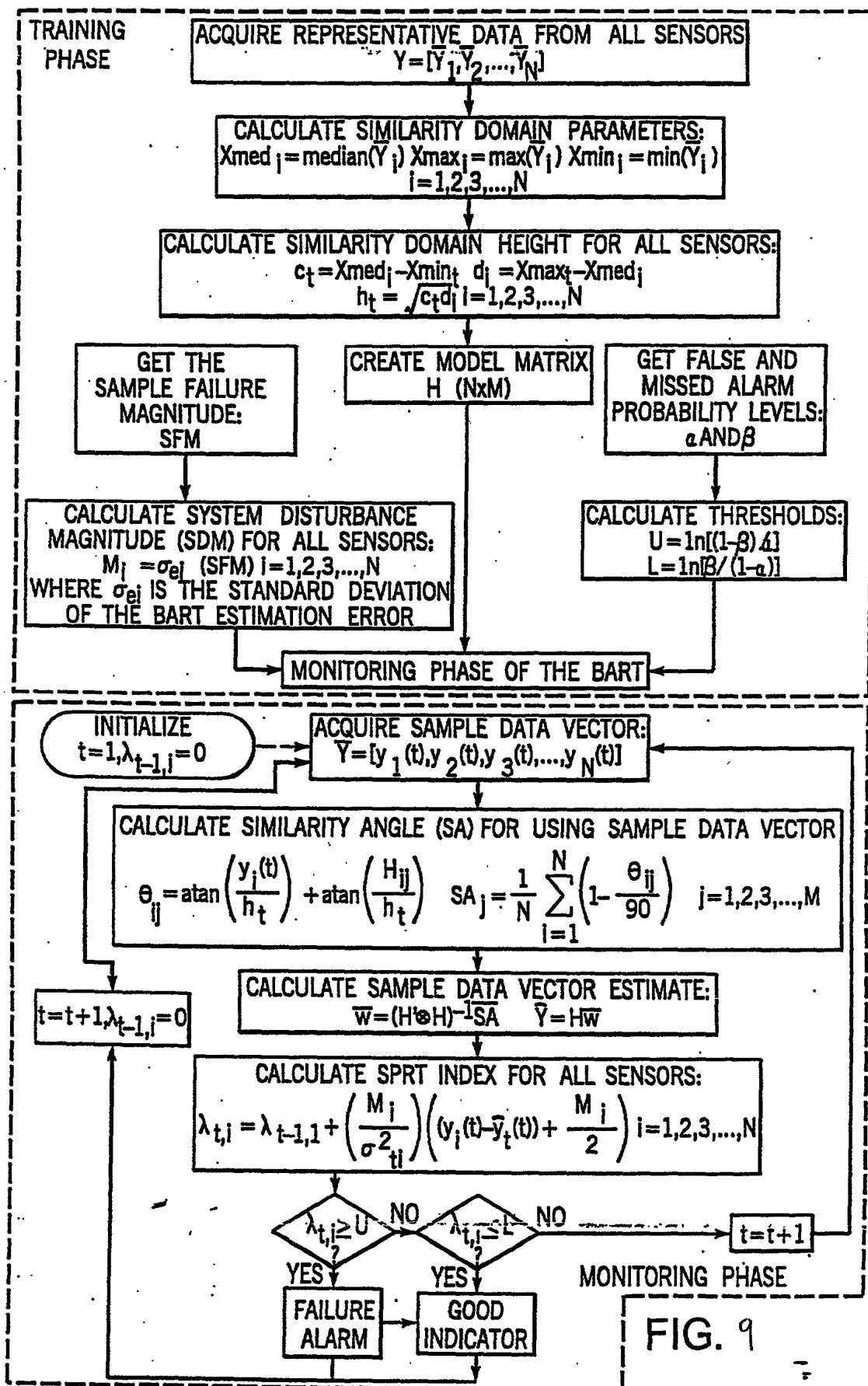


FIG. 9

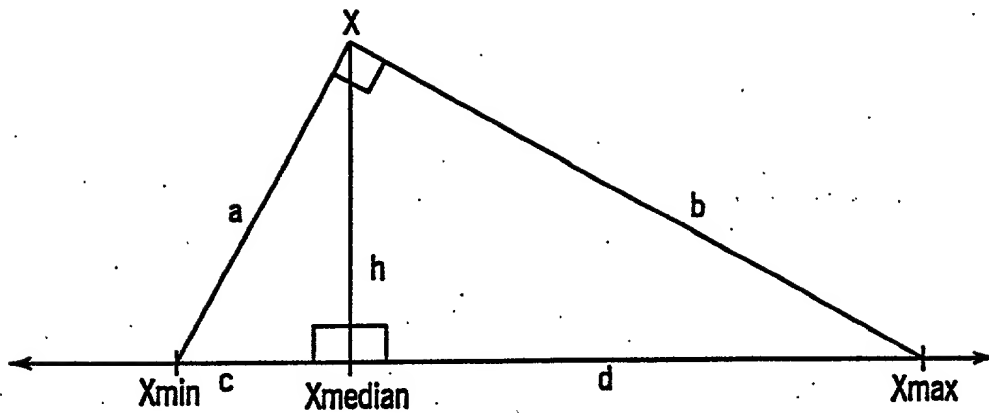


FIG. 10

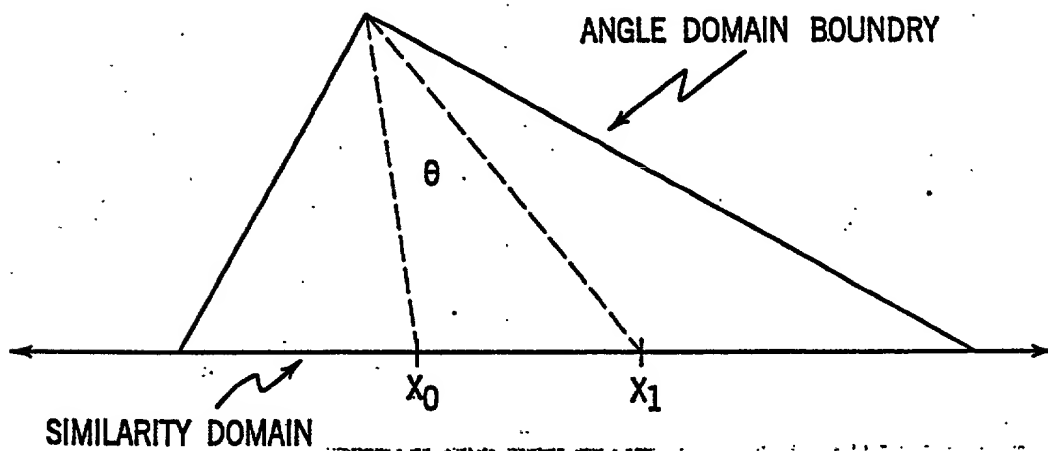
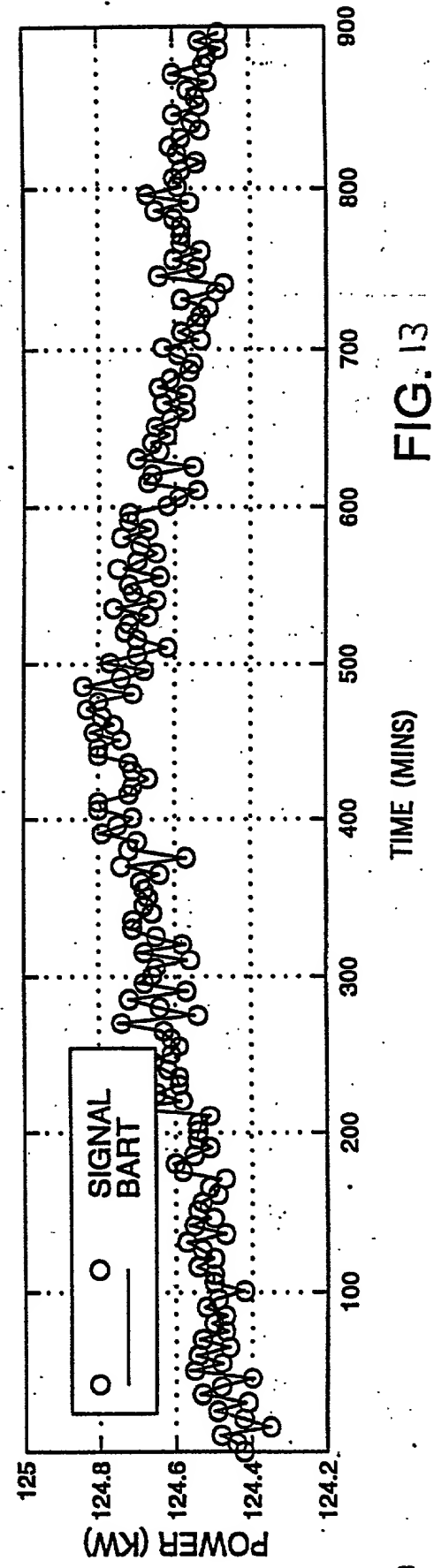
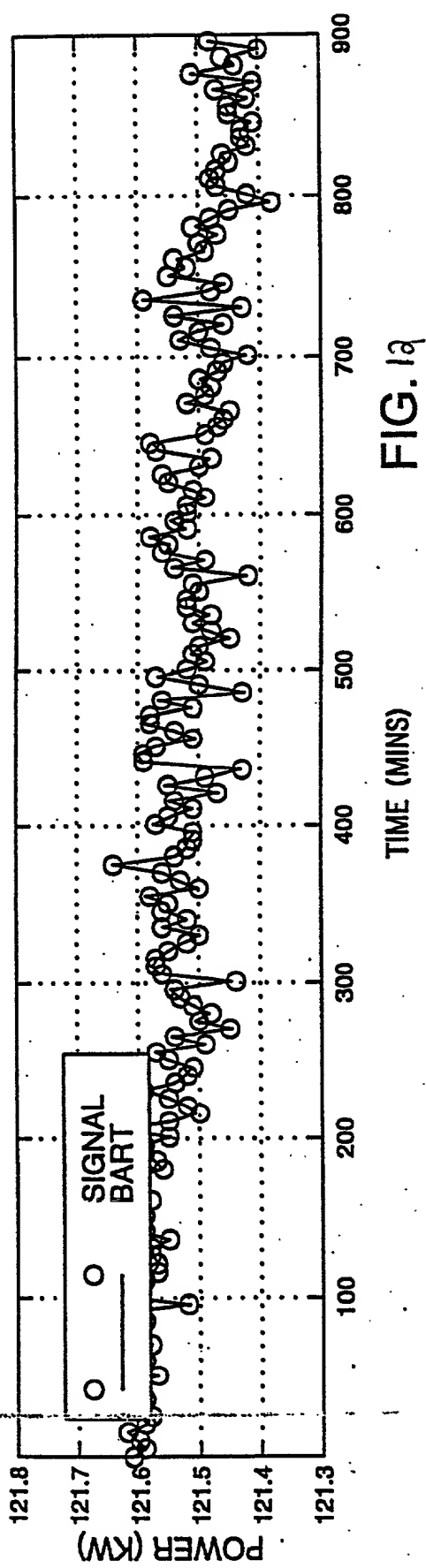


FIG. 11

FIG. 12





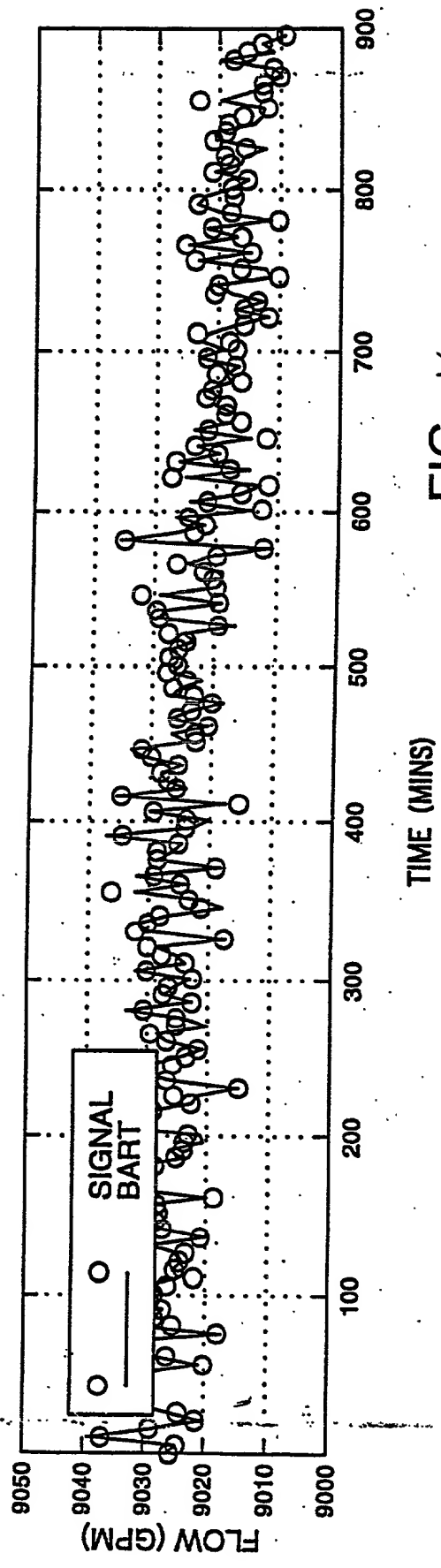
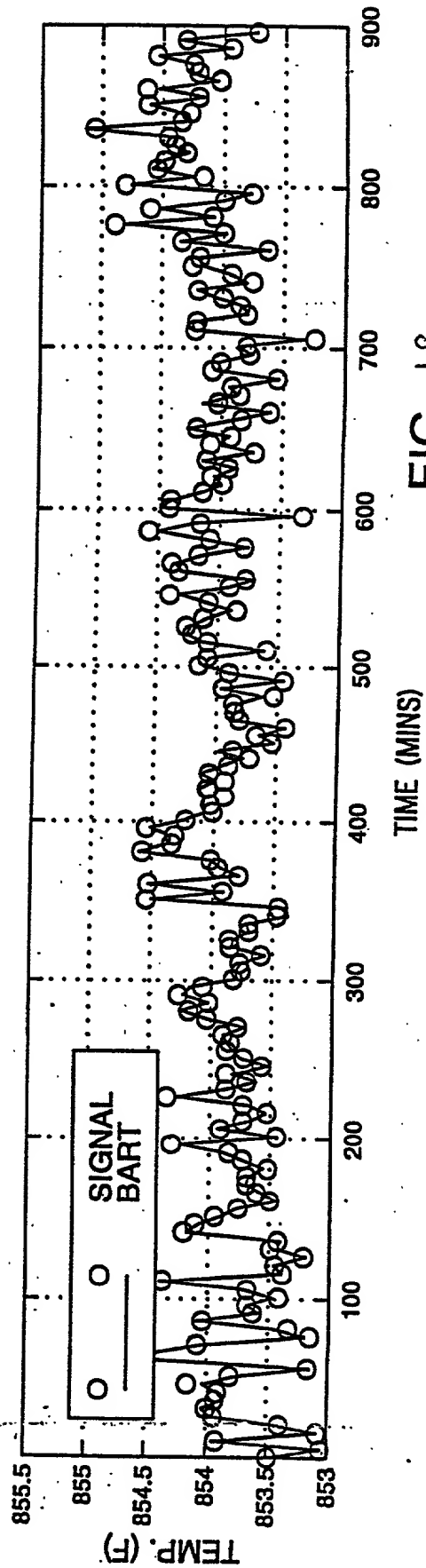
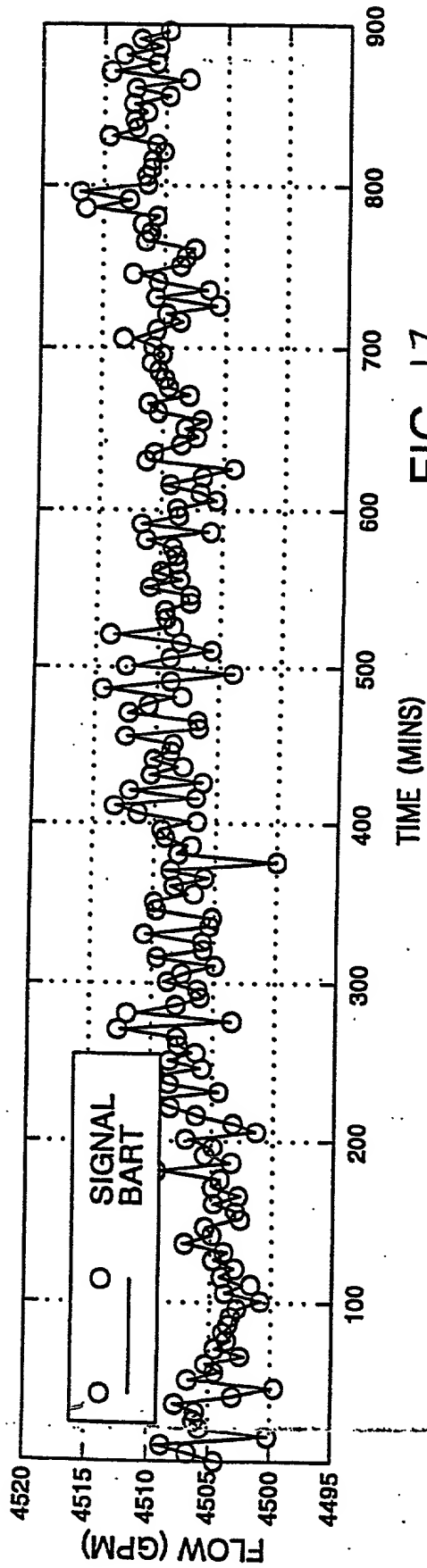
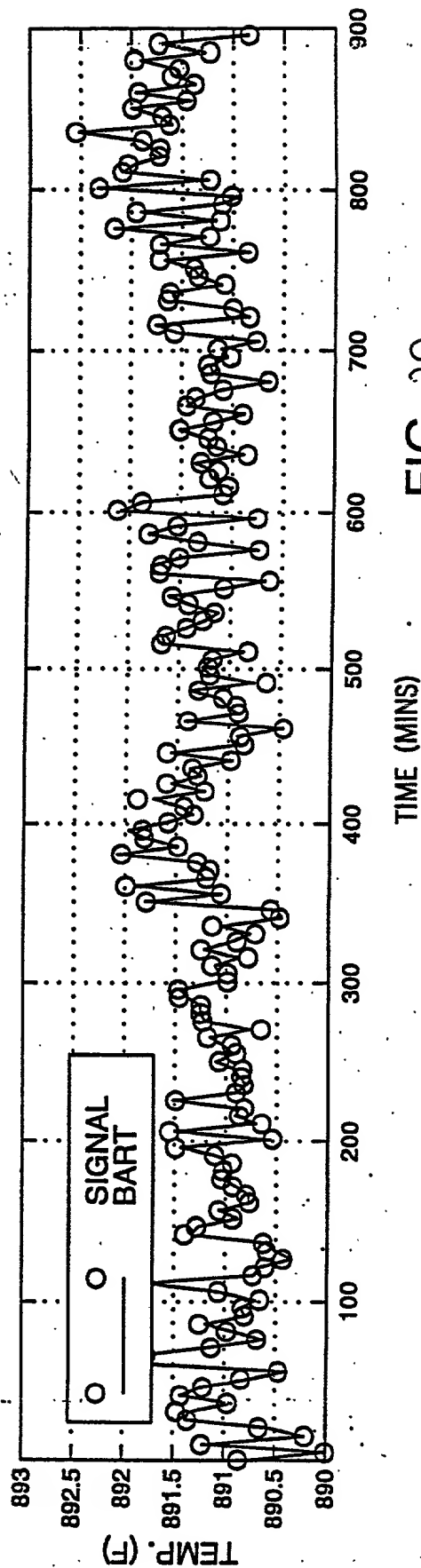
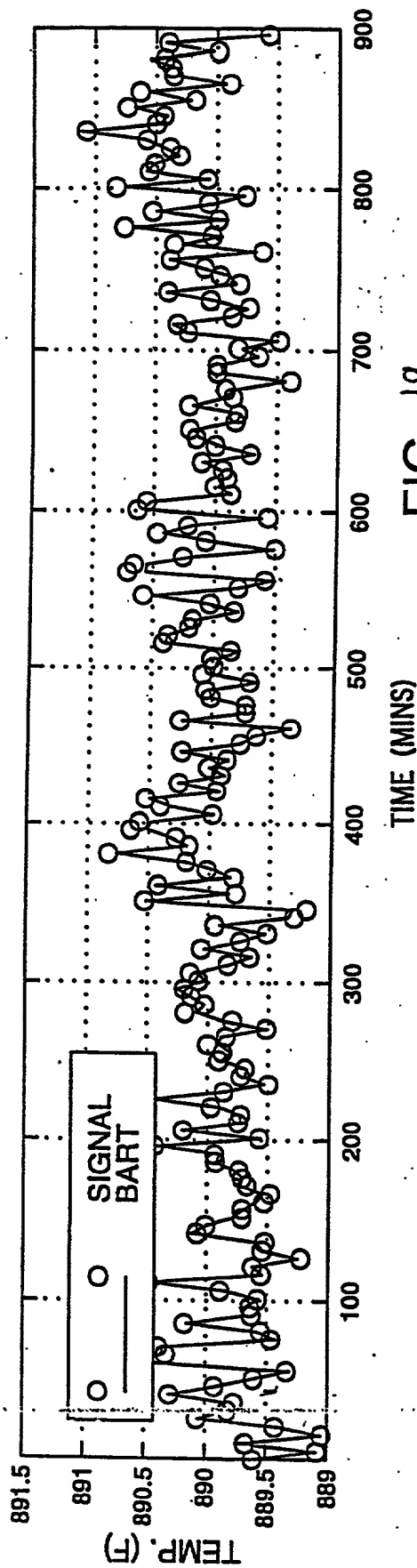


FIG. 16

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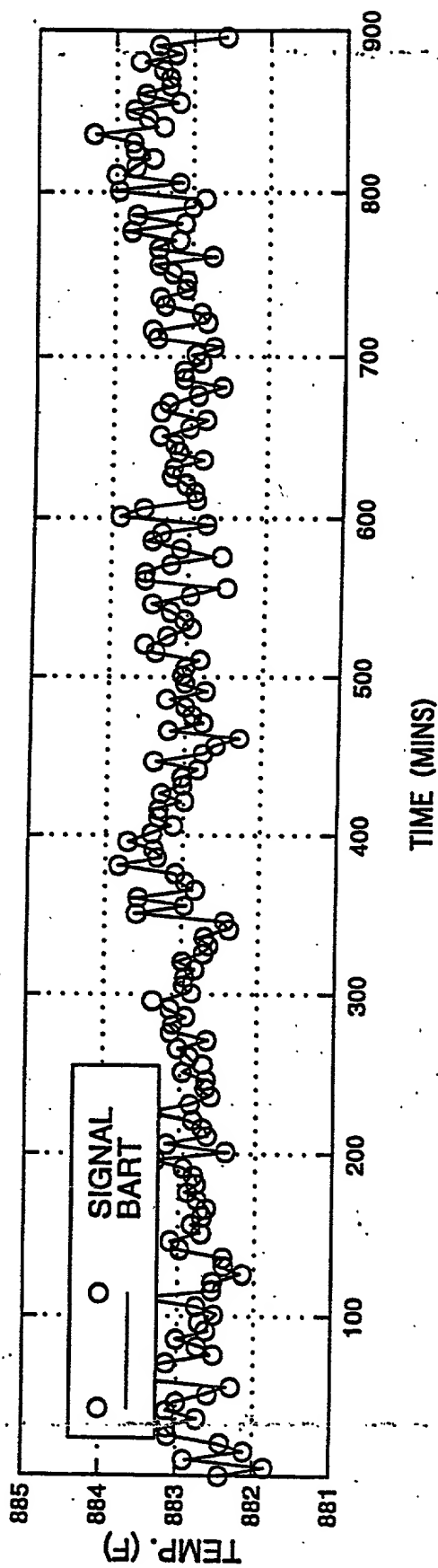
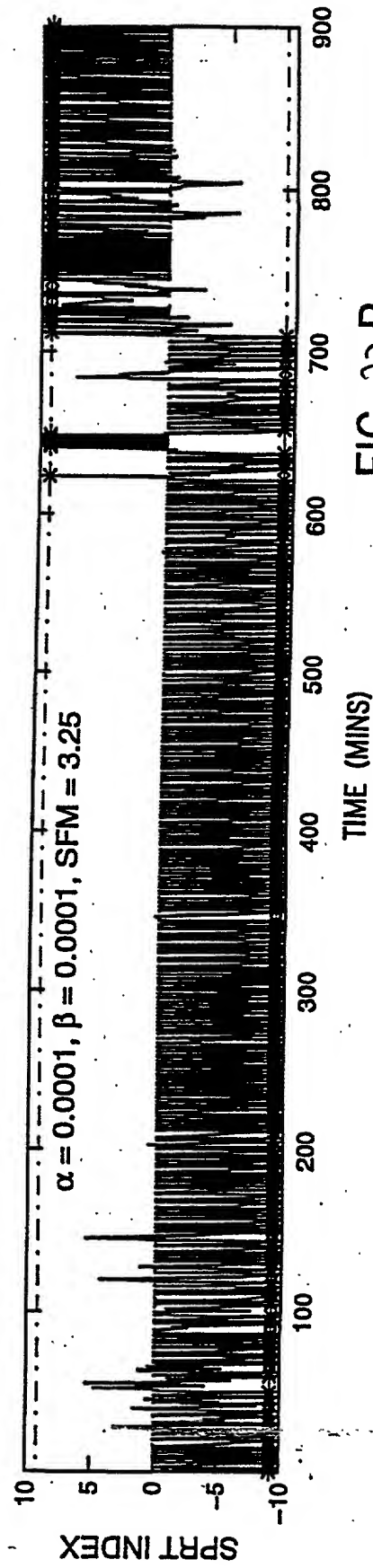
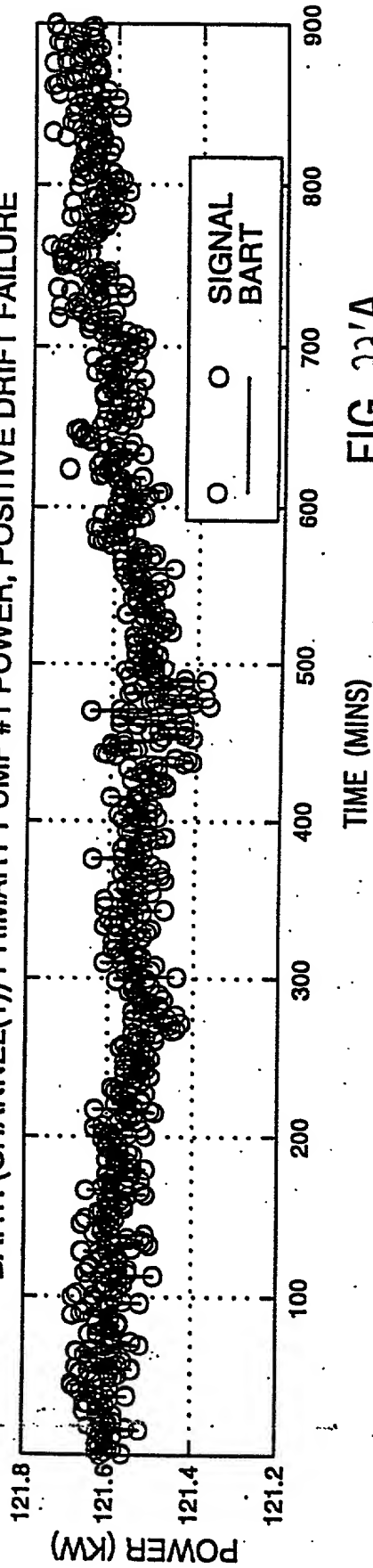


FIG. 21



BART: (CHANNEL(1)) PRIMARY PUMP #1 POWER, POSITIVE DRIFT FAILURE



3000 2000 1000 0 1000 2000 3000  
10 20 30 40 50 60 70 80 90 100  
11 12 13 14 15 16 17 18 19 20  
21 22 23 24 25 26 27 28 29 30  
31 32 33 34 35 36 37 38 39 40  
41 42 43 44 45 46 47 48 49 50  
51 52 53 54 55 56 57 58 59 60  
61 62 63 64 65 66 67 68 69 70  
71 72 73 74 75 76 77 78 79 80  
81 82 83 84 85 86 87 88 89 90  
91 92 93 94 95 96 97 98 99 100

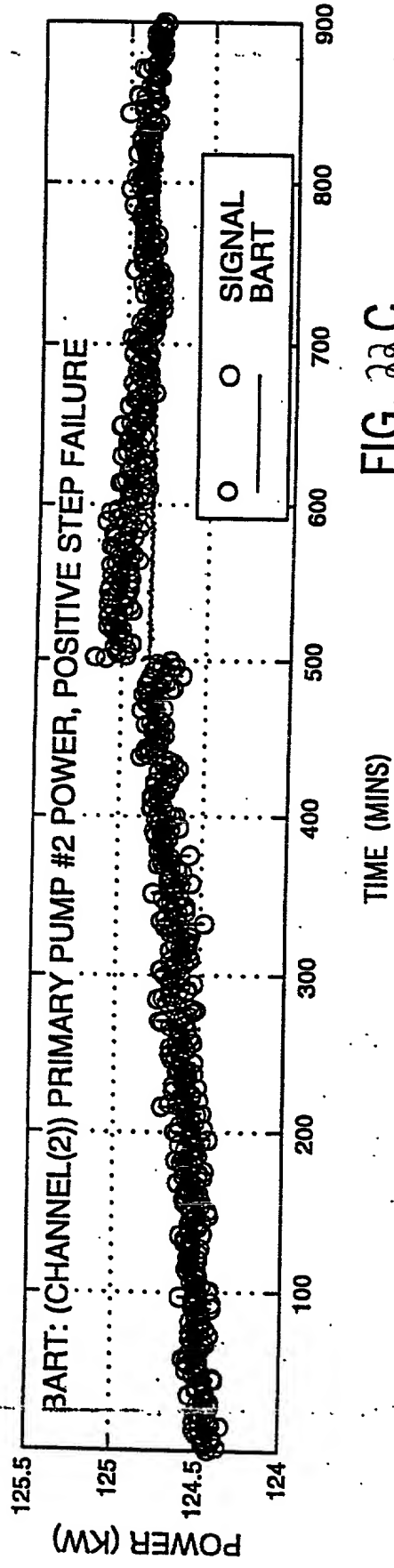


FIG. 22C

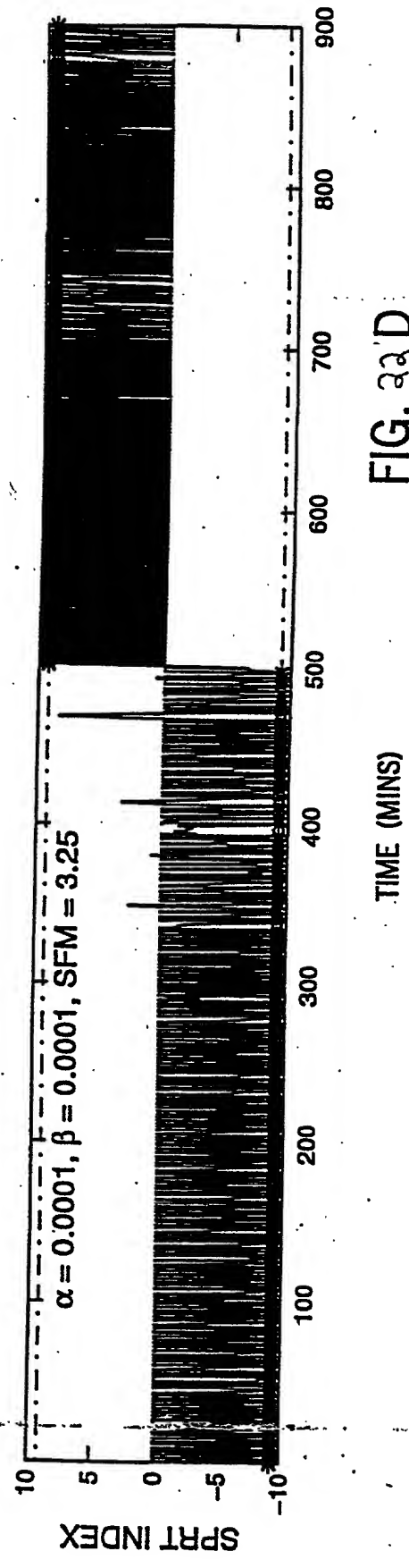


FIG. 22D

BART: (CHANNEL(6)) PRIMARY PUMP #2 FLOWRATE, SINUSOIDAL INTERFERENCE

